

On page 6, line 14, change "drawn up" to --generated--.

On page 7, delete lines 15-32.

On page 8, delete lines 1-33.

On page 9, delete lines 1-9, and insert:

--BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 shows a territory having individual users arranged along streets.

Figure 2 shows the territory which was manually divided into areas A-E by a network planner using conventional methods.

Figure 3 shows a network plan for the territory which was drawn up manually by a network planner using conventional methods.

Figure 4 shows a graph inserted into the territory using a method according to the present invention, one edge for graph being provided along each side of each street.

Figure 4a shows a section of the territory illustrated in Figure 4, in which the method according to the present invention connects the users to the graph via service edges.

Figure 4b shows a section of the territory in which a tree structure is created by connecting the users step by step to a portion of the tree structure already created.

Figure 4c shows the tree structure created for the territory using the method according to the present invention and a load assigned to the edges.

Figure 5 shows the territory having cable distribution sub-areas created

according to the present invention.

Figure 5a shows a section of the territory 1 with two cable distribution sub-areas being combined to form one cable distribution area.

Figure 5b shows a first section of Figure 5a, with the cable distribution area being separated from the tree structure by two limit edges.

Figure 5c shows a second section of Figure 5a, with the limit edge of the cable distribution sub-area being connected to a closest node with a particular requirement.

Figure 6 shows the territory having the created cable distribution areas and cable distributors arranged in their distribution centers.

Figure 7 shows a new tree structure created using a process according to the present invention.

Figure 8 shows the cable distribution areas, with pairings being assigned to individual edges or street segments.

DETAILED DESCRIPTION--.

On page 14, line 4, change "on the basis of" to --with respect to--.

On page 14, delete lines 21-22, and insert:
--26.--

On page 15, line 24, delete "The".

On page 15, delete lines 25-27, and insert:

--As shown in Figure 6, the--.

On page 16, line 22, before "Figure", insert --see--.

On page 23, delete the first line, and insert:

--What Is Claimed Is:--.

IN THE ABSTRACT:

On page 34, delete line 1, and insert:

-- ABSTRACT OF THE DISCLOSURE--.

On page 34, delete lines 3-31, and insert:

--A method for generating a network, in particular a telecommunications, water, long-distance heat supply, or power network, the network connecting all users to a main distribution node depending on the existing or definable local needs and requirements of the individual users. A graph is generated which is composed of edges and nodes. The graph includes all technically feasible and/or definable transmission paths of the network. The length and direction of the edges are derived from the real topography of the street segments and definable cable paths of the territory to be supplied by the network. The nodes form the intersections between the edges or streets and/or cable paths. The users are assigned to the graph in such a way that each user is connected to the closest edge or the closest node of the graph by an additional service edge. A tree structure is created by removing unnecessary edges from the graph in such a way that the service edges, edges, and nodes of the tree structure form only one connection between the main distribution node and each user. The load of the edges in the tree structure is determined depending on the needs and requirements of the users.--.

IN THE CLAIMS:

Please cancel original claims 1-20, and please cancel substitute